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Publication number:

**0 558 095 A3**

(12)

## EUROPEAN PATENT APPLICATION

(21) Application number: **93104589.2**

(51) Int. Cl.<sup>5</sup>: **F25D 17/06**, **F25D 29/00**,  
**F25D 11/02**, **F25B 1/10**,  
**F25B 7/00**

(22) Date of filing: **15.12.89**

(30) Priority: **03.01.89 US 293034**

(43) Date of publication of application:  
**01.09.93 Bulletin 93/35**

(60) Publication number of the earlier application in  
accordance with Art.76 EPC: **0 377 158**

(84) Designated Contracting States:  
**DE FR GB IT**

(86) Date of deferred publication of the search report:  
**13.10.93 Bulletin 93/41**

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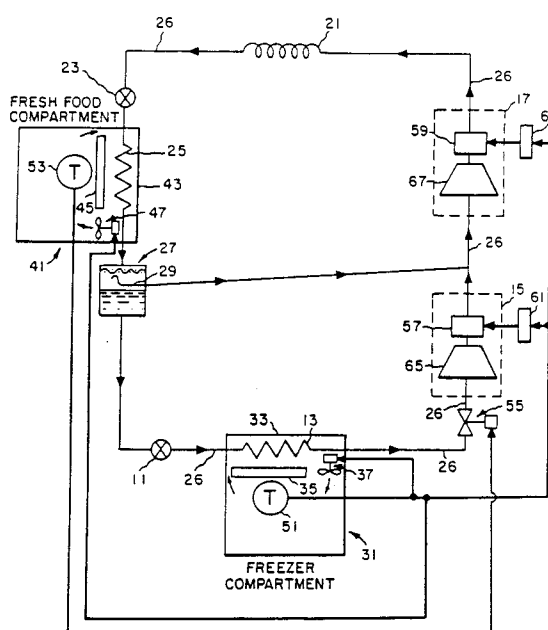
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(54) **Apparatus for controlling a dual evaporator, dual fan refrigerator with independent temperature controls.**

(57) A refrigerator apparatus is provided having a cabinet with a freezer compartment (31) and a fresh food compartment (41) not in air flow communication with the freezer compartment (31). A refrigerator system is included having a compressor (65;67), a condenser (21), a first expansion device (11), a first evaporator (13) situated in the freezer compartment (31), a second expansion device (23), a second evaporator situated in the fresh food compartment (41). The refrigerator system elements are connected in series in a closed loop, in a refrigerant flow relationship. A first fan (37) is situated in the freezer compartment (31) for providing air flow over the evaporator (13). A second fan (47) is situated in the fresh food compartment (41). A first thermostatic controller (51) situated in the freezer compartment (31) for maintaining a desired temperature in the freezer compartment by causing the compressor (65;67) and the first fan (37) to operate. A second thermostatic controller (53) situated in the fresh food compartment (41) for maintaining a desired temperature in the fresh food compartment by causing operation of the second fan (47).

*Fig. 1*



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## EUROPEAN SEARCH REPORT

Application Number

EP 93 10 4589

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	US-A-4 435 962 (MOCHIZUKI ET AL.) * column 3, line 27 - column 6, line 13; figure 2 * ---	1	F25D17/06 F25D29/00 F25D11/02 F25B1/10 F25B7/00
A	US-A-4 745 777 (MORISHITA ET AL.) * column 4, line 38 - column 9; figure 8 * ---	1	
A	US-A-3 119 240 (DEVERY) * column 2, line 38 - column 5, line 13; figure 2 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			F25D F25B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13 AUGUST 1993	Examiner BAECKLUND O.A.
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document			